REMARKS/ARGUMENTS

Claims 1, 5 – 7, 9 – 15, 20, 22, 23, 25, 28, and 29 are pending in this application. Claims 1, 5, 7, 20, 23, 28 and 29 have been amended, as is supported throughout the Specification. Applicants respectfully request reconsideration of this application based on the following remarks.

Claim Rejections – 35 USC § 103

Claims 1, 5, 6, 20, 22, 23, 28, and 29 are rejected under 35 USC § 103(a) as being obvious over Madour (US Patent Application Publication No. 2003/0053431) in view of Bertrand (US Patent No. 6,876,640). Claims 7, 9 – 15, 23, 25, and 29 are rejected under 25 U.S.C. § 103(a) as being obvious over Bertrand in view of Madour (U.S. Patent No. 6,834,050, "Madour II"). Applicants respectfully traverse these rejections.

Claim 1 recites, among other things, a wireless communication device comprising a connection table for storing one or more connection identifiers, wherein a connection identifier corresponds to a Packet Coordination Function (PCF) that has been previously visited by the wireless communication device, the connection table indicating whether a connection between the wireless communication device and each PCF is active, a processor for determining if the received connection identifier is contained in the connection table, and for delivering the received connection identifier to the connection table for storing when the received connection identifier is not contained in the connection table and a corresponding timer, wherein the processor removes the connection identifier from the connection table in response to an expiration of the corresponding timer, and wherein the processor resets the corresponding timer in response to activity on a connection corresponding to the connection identifier, and wherein the processor is further operable to determine that the registration is not needed if the processor determines that the received connection identifier is contained in the connection table. Independent claims 20 and 28 include similar features. At least this combination of features is not disclosed or suggested by the cited references, alone or in combination with each other.

The Examiner admits that Madour fails to disclose a corresponding timer as recited in the pending claims, and relies on Bertrand to overcome this deficiency (see, page 4 of Office

Action). The Examiner refers to column 9, lines 1 – 39 of Bertrand as allegedly disclosing the claimed timer. However, as Applicants explained in the previous response, Bertrand discloses only a timer to expire an R-P connection between a radio network and the PDSN. As described in great detail, for example in col. 7, lines 32 – 56 and col. 8, line 60 – col. 9, line 38, it is the PPP register (i.e., PPP register 126(1), 126(2), 126(3)) that may have a timer associated therewith. For example, col. 7, lines 51 – 55 reads as follows: "If the PPP register 126(1) does not hear from any PDSN on behalf of the mobile station 102(1) for a predetermined amount of time, an expiration timer (not shown) expires and the PPP register 126(1) automatically removes the stored PPP context for the mobile station 102(1) from its database." As clearly described in the passage, when a timer associated with a PPP register (which is separate from a mobile station) does not hear from a PDSN within a predetermined time, the timer expires and the mobile station's entry is removed from the PPP register. Column 9, lines 33 – 37 includes a similar recitation. Thus, a *PPP context* associated with an R-P connection, which is the connection between a radio network and a PDSN, is removed. In contrast, the pending claims recite removing a *connection identifier* associated with a PCF whenever a timer associated with the connection between the wireless device and the PCF expires.

Moreover, none of the cited references discloses or suggests a processor which determines if the received connection identifier is contained in a connection table, and determines that registration is not needed if the processor determines that a received connection identifier is contained in the connection table. In light of these differences, it is clear that neither Madour nor Bertrand, alone or in combination with each other, disclose each and every feature of claims 1, 20, and 28.

Independent claim 7 recites, among other things, a Packet Data Serving Node (PDSN) comprising a connection table for storing a plurality of connection sets, each connection set comprising one or more connections associated with a wireless communication device, wherein a first timer in the PDSN and a second timer associated with the wireless communication device correspond to each of the connections and wherein the first timer is set to expire after the second timer, and a buffer for receiving data from the network that is designated for delivery to a wireless communication device, storing the received data until the wireless communication device is located, based on an active connection, on one of the connections in the connection set.

Independent claims 23 and 29 include similar features. Neither Bertrand nor Madour II, alone or in combination with each other, discloses at least this combination of features.

As explained in the previous response, the claim recites a first timer in the PDSN and a second timer associated with the wireless device (handset). The Examiner admits that Bertrand does not disclose "a first timer in the PDSN and a second timer in the wireless communication device" corresponding to each of the connections wherein the first timer is set to expire after the second timer, and relies on Madour II to overcome this deficiency. In particular, the Examiner cites col. 3, lines 37 – 54, and col. 6, lines 27 – 50 as allegedly disclosing these features. Column 3, lines 47 – 51 recites the following: "The PCF may also include a cache memory that stores the identifier for the MN and an IP address for the particular PDSN for a predetermined period of time after handing off the MD to another PCF. A cache timer determines whether the predetermined time period has expired." Thus, Madour II discloses a cache timer associated with the PCF, which is neither a first timer in the PSDN nor a second timer in the wireless communication device.

Column 6, lines 33 – 38 of Madour II recites "a cache memory 48 <u>in the original PCF</u> serving the MN retains the IP address of the PDSN as well as the Mobile Station Identification (MSD) of the MN for the duration of a cache timer 49" (Emphasis added). Again, Madour II discloses only a timer in the PCF (see also, Figure 2). Thus, Madour II does not disclose a first timer in the PSDN nor a second timer associated with the wireless device, both of which are required by claim 7.

Moreover, neither Bertrand nor Madour II, alone or in combination with each other discloses a buffer for receiving data from the network that is designated for delivery to a wireless communication device, storing the received data until the wireless communication device is located, *based on an active connection*, on one of the connections in the connection set. As such, the combination of Bertrand and Madour II fails to disclose or suggest each and every feature of claim 7, and also fails to disclose the features of claims 23 and 29, which include similar recitations.

Claims 5, 6, 9 – 15, 22, and 25 depend from one of the independent claims. As such, these claims are also patentable over the cited references at least by virtue of their dependence, as well as the additional features each claim recites.

Applicants note that the deficiencies in the cited references were explained to the Examiner in the previously filed response. However, the Examiner has not specifically addressed Applicants' remarks. Applicants would like to direct the Examiner to MPEP § 707.07(f) which recites that where "the applicant traverses any rejection, the examiner should, if he or she repeats the rejection, take note of the applicant's argument and answer the substance of it." Accordingly, if the Examiner wishes to again maintain these rejections, Applicants respectfully request that the Examiner address the substance of Applicants arguments, as is required by the MPEP, in any future Office Actions.
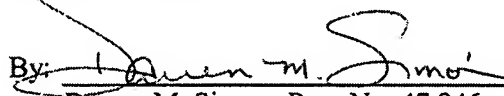
CONCLUSION

In light of these remarks, Applicants submit that the application is in condition for allowance, for which early action is requested.

Please charge any fees or overpayments that may be due with this response to Deposit Account No. 17-0026.

Respectfully submitted,

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